

MARKET	DEPOSITORY	INSTRUMENTS
ARGENTINA	CVSA (Caja de Valores S.A.)	Equity, Corporate Debt, Government Debt
AUSTRALIA	ASX Settlement (ASX Settlement Pty Limited)	Equity
	Austraclear (Austraclear Limited)	Corporate Debt, Government Debt
AUSTRIA	OeKB CSD GmbH (Oesterreichische Kontrollbank CSD GmbH)	Equity, Corporate Debt, Government Debt
BAHRAIN	CSD (Bahrain Bourse - Clearing, Settlement and Central Depository)	Equity, Corporate Debt
BANGLADESH	BB (Bangladesh Bank)	Government Debt
	CDBL (Central Depository Bangladesh Limited)	Equity, Corporate Debt
BELGIUM	Euroclear Belgium (Euroclear Belgium SA/NV)	Equity, Corporate Debt
	NBB (The National Bank of Belgium)	Corporate Debt, Government Debt
BERMUDA	BSD (Bermuda Stock Exchange - Bermuda Securities Depository)	Equity, Corporate Debt, Government Debt
BOTSWANA	BoB (Bank of Botswana)	Government Debt
	CSDB (Central Securities Depository of Botswana Ltd)	Equity, Corporate Debt
BRAZIL	BM&FBOVESPA (B3 S.A. - BM&FBOVESPA)	Equity
	CETIP (B3 S.A. - CETIP)	Corporate Debt
	SELIC (Banco Central do Brasil - Sistema Especial de Liquidação e Custódia)	Government Debt
BULGARIA	CDAD (Central Depository AD)	Equity, Corporate Debt
	BNB (Bulgarian National Bank)	Government Debt

MARKET	DEPOSITORY	INSTRUMENTS
CANADA	CDS Clearing (CDS Clearing and Depository Services Inc.)	Equity, Corporate Debt, Government Debt
CHILE	DCV (Depósito Central de Valores S.A.)	Equity, Corporate Debt, Government Debt
CHINA A-SHARE	CSDCC (China Securities Depository and Clearing Corporation Limited)	Equity, Corporate Debt, Government Debt
	SCH (Shanghai Clearing House)	Short-term Corporate Debt
	CCDC (China Central Depository & Clearing Co., Ltd.)	Corporate Debt, Government Debt
CHINA B-SHARE	CSDCC (China Securities Depository and Clearing Corporation Limited)	Equity
CHINA CONNECT	HKSCC - for China Connect (Hong Kong Securities Clearing Company Limited)	Equity
COLOMBIA	DCV (Banco de la República de Colombia - Depósito Central de Valores)	Government Debt
	DECEVAL (Depósito Centralizado de Valores de Colombia S.A.)	Equity, Corporate Debt, Government Debt
COSTA RICA	InterClear (InterClear, S.A.)	Equity, Corporate Debt, Government Debt
CROATIA	SKDD (Središnje klirinško depozitarno društvo d.d.)	Equity, Corporate Debt, Government Debt
CYPRUS	CDCR (Cyprus Stock Exchange - Central Depository and Central Registry)	Equity, Corporate Debt, Government Debt
CZECH REPUBLIC	CNB (Česká národní banka)	Short-Term Corporate Debt, Short-Term Government Debt
	CDCP (Centrální depozitár cenných papírů, a.s.)	Equity, Long-Term Corporate Debt, Long-Term Government Debt
DENMARK	VP (VP Securities A/S)	Equity, Corporate Debt, Government Debt
EGYPT	MCDR (Misr for Central Clearing, Depository and Registry)	Equity, Corporate Debt, Treasury Bonds
	CBE (Central Bank of Egypt)	Treasury Bills

MARKET	DEPOSITORY	INSTRUMENTS
ESTONIA	ECSD (Eesti Väärtpaberikeskus AS)	Equity, Corporate Debt, Government Debt
FINLAND	Euroclear Finland (Euroclear Finland Oy)	Equity, Corporate Debt, Government Debt
FRANCE	Euroclear France (Euroclear France SA)	Equity, Corporate Debt, Government Debt
GERMANY	CBF (Clearstream Banking AG)	Equity, Corporate Debt, Government Debt
GHANA	CSD (Central Securities Depository (GH) Ltd.)	Equity, Corporate Debt, Government Debt
GREECE	BoG (Bank of Greece)	Government Debt
	ATHEXCSD (Hellenic Central Securities Depository)	Equity, Corporate Debt
HONG KONG	HKSCC (Hong Kong Securities Clearing Company Limited)	Equity, Corporate Debt, Government Debt
	CMU (Hong Kong Monetary Authority - Central Moneymarkets Unit)	Corporate Debt, Government Debt
HUNGARY	KELER (Központi Elszámolóház és Értéktár (Budapest) Zrt.)	Equity, Corporate Debt, Government Debt
ICELAND	Nasdaq CSD Iceland hf. (Nasdaq veröbréfamiðstöð hf.)	Equity, Corporate Debt, Government Debt
INDIA	NSDL (National Securities Depository Limited)	Equity, Corporate Debt
	CDSL (Central Depository Services (India) Limited)	Equity, Corporate Debt
	RBI (Reserve Bank of India)	Government Debt
INDONESIA	KSEI (PT Kustodian Sentral Efek Indonesia)	Equity, Corporate Debt, Government Debt* (*acts as sub-registry)
	BI (Bank Indonesia)	Government Debt
INTERNATIONAL SECURITIES MARKET	Euroclear Bank (Euroclear Bank SA/NV)	Internationally Traded Debt, Equity

MARKET	DEPOSITORY	INSTRUMENTS
INTERNATIONAL SECURITIES MARKET	CBL (Clearstream Banking S.A.)	Internationally Traded Debt, Equity
IRELAND	EUI (Euroclear U.K. & Ireland Limited)	Equity, Corporate Debt
ISRAEL	TASE-CH (Tel-Aviv Stock Exchange Clearing House Ltd.)	Equity, Corporate Debt, Government Debt
ITALY	Monte Titoli (Monte Titoli S.p.A.)	Equity, Corporate Debt, Government Debt
JAPAN	JASDEC (Japan Securities Depository Center, Incorporated)	Equity, Corporate Debt
	BOJ (Bank of Japan)	Government Debt
JORDAN	SDC (Securities Depository Center)	Equity, Corporate Debt
KAZAKHSTAN	KACD (Central Securities Depository Joint-Stock Company)	Equity, Corporate Debt, Government Debt
KENYA	CDS (Central Bank of Kenya - Central Depository System)	Government Debt
	CDSC (Central Depository and Settlement Corporation Limited)	Equity, Corporate Debt
KUWAIT	KCC (The Kuwait Clearing Company K.S.C.)	Equity, Corporate Debt
LATVIA	LCD (Latvian Central Depository)	Equity, Corporate Debt, Government Debt
LITHUANIA	CSDL (Central Securities Depository of Lithuania)	Equity, Corporate Debt, Government Debt
LUXEMBOURG	CBL (Clearstream Banking S.A.)	Equity, Corporate Debt, Government Debt
MALAYSIA	Bursa Depository (Bursa Malaysia Depository Sdn Bhd)	Equity, Corporate Debt
	BNM (Bank Negara Malaysia)	Government Debt
MAURITIUS	CDS (Central Depository & Settlement Co. Ltd)	Equity, Corporate Debt

MARKET	DEPOSITORY	INSTRUMENTS
MAURITIUS	BOM (Bank of Mauritius)	Government Debt
MEXICO	Indeval (S.D. Indeval S.A. de C.V.)	Equity, Corporate Debt, Government Debt
MOROCCO	Maroclear (Maroclear)	Equity, Corporate Debt, Government Debt
NETHERLANDS	Euroclear Nederland (Euroclear Nederland)	Equity, Corporate Debt, Government Debt
NEW ZEALAND	NZCSD (New Zealand Central Securities Depository Limited)	Equity, Corporate Debt, Government Debt
NIGERIA	CSCS (Central Securities Clearing System Plc)	Equity, Corporate Debt
	CBN (Central Bank of Nigeria)	Government Debt
NORWAY	VPS (Verdipapirsentralen ASA)	Equity, Corporate Debt, Government Debt
OMAN	MCD (Muscat Clearing and Depository Co. (S.A.O.C))	Equity, Corporate Debt, Government Debt
PAKISTAN	SBP (State Bank of Pakistan)	Government Debt
	CDC (Central Depository Company of Pakistan Limited)	Equity, Corporate Debt
PERU	CAVALI (CAVALI S.A. I.C.L.V.)	Equity, Corporate Debt, Government Debt
PHILIPPINES	PDTC (Philippine Depository and Trust Corporation)	Equity, Corporate Debt
	RoSS (Bureau of Treasury - Registry of Scripless Securities)	Government Debt
POLAND	KDPW (Krajowy Depozyt Papierów Wartościowych S.A.)	Equity, Corporate Debt, Long-Term Government Debt
	RPW (National Bank of Poland - Registry of Securities)	Short-Term Government Debt
PORTUGAL	INTERBOLSA (Sociedade Gestora de Sistemas de Liquidação e de Sistemas Centralizados de Valores Mobiliários, S.A.)	Equity, Corporate Debt, Government Debt

MARKET	DEPOSITORY	INSTRUMENTS
QATAR	QCSD (Qatar Central Securities Depository)	Equity, Government Debt
ROMANIA	CD S.A. (Central Depository S.A.) NBR (National Bank of Romania)	Equity, Corporate Debt Government Debt
RUSSIA	NSD (National Settlement Depository)	Equity, Corporate Debt, Government Debt
SAUDI ARABIA	SDCC (Securities Depository Center Company)	Equity, Corporate Debt, Government Debt
SERBIA	CSD (Central Securities Depository and Clearing House)	Equity, Corporate Debt, Government Debt
SINGAPORE	CDP (The Central Depository (Pte) Limited) MAS (Monetary Authority of Singapore)	Equity, Corporate Debt, Government Securities Government Securities
SLOVAK REPUBLIC	CDCP (Centrálny depozitár cenných papierov SR, a.s.)	Equity, Corporate Debt, Government Debt
SLOVENIA	KDD (Centralna klirinško depotna družba d.d.)	Equity, Corporate Debt, Government Debt
SOUTH AFRICA	Strate (Strate (Pty) Limited)	Equity, Corporate Debt, Government Debt
SOUTH KOREA	KSD (Korea Securities Depository)	Equity, Corporate Debt, Government Debt
SPAIN	IBERCLEAR (Sociedad de Sistemas)	Equity, Corporate Debt, Government Debt
SRI LANKA	CDS (Central Depository Systems (Pvt.) Ltd.) LankaSecure (Central Bank of Sri Lanka - LankaSecure)	Equity, Corporate Debt Government Debt
SWEDEN	Euroclear Sweden (Euroclear Sweden AB)	Equity, Corporate Debt, Government Debt
SWITZERLAND	SIS (SIX SIS AG)	Equity, Corporate Debt, Government Debt

MARKET	DEPOSITORY	INSTRUMENTS
TAIWAN	TDCC (Taiwan Depository and Clearing Corporation)	Equity, Corporate Debt
	CBC (Central Bank of the Republic of China (Taiwan))	Government Debt
TANZANIA	CDS (Dar es Salaam Stock Exchange Central Depository System)	Equity, Corporate Debt
THAILAND	TSD (Thailand Securities Depository Company Limited)	Equity, Corporate Debt, Government Debt
TUNISIA	Tunisie Clearing (Tunisie Clearing)	Equity, Corporate Debt, Government Debt
TURKEY	CBRT (Türkiye Cumhuriyet Merkez Bankasi A.S.)	Government Debt
	CRA (Merkezi Kayit Kurulusu A.S.)	Equity, Corporate Debt, Government Debt
UGANDA	CSD (Bank of Uganda - Central Securities Depository)	Government Debt
	SCD (Uganda Securities Exchange - Securities Central Depository)	Equity, Corporate Debt
UKRAINE	NDU (National Depository of Ukraine)	Equity, Corporate Debt
UNITED ARAB EMIRATES - ADX	ADX (Abu Dhabi Securities Exchange)	Equity, Corporate Debt, Government Debt
UNITED ARAB EMIRATES - DFM	DFM (Dubai Financial Market)	Equity, Corporate Debt, Government Debt
UNITED ARAB EMIRATES - NASDAQ DUBAI	NASDAQ Dubai (NASDAQ Dubai Limited)	Corporate Debt
UNITED KINGDOM	EUI (Euroclear U.K. & Ireland Limited)	Equity, Corporate Debt, Government Debt
UNITED STATES	FRB (Federal Reserve Bank)	Government Debt, Mortgage Backed Securities
	DTC (Depository Trust Company)	Equity, Corporate Debt
URUGUAY	BCU (Banco Central del Uruguay)	Government Debt

MARKET	DEPOSITORY	INSTRUMENTS
VENEZUELA	CVV (Caja Venezolana de Valores, S.A.)	Equity, Corporate Debt
	BCV (Banco Central de Venezuela)	Government Debt
VIETNAM	VSD (Vietnam Securities Depository)	Equity, Corporate Debt, Government Debt
WAEMU - BENIN, BURKINA FASO, GUINEA-BISSAU, IVORY COAST, MALI, NIGER, SENEGAL, TOGO	DC/BR (Le Dépositaire Central / Banque de Règlement)	Equity, Corporate Debt, Government Debt
ZAMBIA	LuSE CSD (Lusaka Stock Exchange Central Shares Depository)	Equity, Corporate Debt, Treasury Bonds
	BoZ (Bank of Zambia)	Government Debt
ZIMBABWE	CDC (Chengetedzai Depository Company Limited)	Equity

This document is for information only and its contents are subject to change. This document is intended neither to influence your investment decisions nor to amend or supplement any agreement governing your relations with J.P. Morgan. Neither this document nor any of its contents may be disclosed to any third party or used for any other purpose without the proper written consent of J.P. Morgan. J.P. Morgan has gathered the information from a source it considers reliable, however, it cannot be responsible for inaccuracies, incomplete information or updating of the information furnished hereby.